

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-12 (cancelled)

Claim 13 (new): A purification installation for purifying a liquid, comprising:

a reactor vessel containing a bed of a granular medium;

a medium washer; and

at least one gas lift system;

wherein the at least one gas lift system comprises a riser with a suction inlet located in the bed and a blow outlet at a higher position opening into the medium washer, as well as gas feed means for generating a gas lift in the riser that draws up medium and liquid at the suction inlet and feeds these upwards through the riser to the medium washer, and wherein the medium washer has a medium outlet for returning washed medium to the bed;

and further wherein the purification installation has a multiplicity of gas lift systems, the respective blow outlets of which emerge in the medium washer.

Claim 14 (new): The purification installation according to claim 13, wherein two or more gas lift systems are provided per medium washer.

Claim 15 (new): The purification installation according to claim 13, wherein the reactor vessel contains a single medium washer.

Claim 16 (new): The purification installation according to claim 13, wherein, viewed horizontally, the medium washer is provided centrally with respect to the associated gas lift systems.

Claim 17 (new): The purification installation according to claim 13, wherein, viewed horizontally, the medium washer is provided centrally in the reactor vessel.

Claim 18 (new): The purification installation according to claim 13, wherein each gas lift system is provided at the bottom with a bowl, such as a cone, that is open at the top.

Claim 19 (new): The purification installation according to claim 18, wherein each bowl is integral with the respective gas lift system, such that each respective gas lift system can be fitted or removed as a unit together with the respective bowl in each case.

Claim 20 (new): The purification installation according to claim 13, wherein, viewed horizontally, the gas lift systems are distributed over the reactor vessel in accordance with a pattern.

Claim 21 (new): The purification installation according to claim 13, further comprising a control system equipped for mutually independent control of the gas feed to the respective gas lift systems.

Claim 22 (new): The purification installation according to claim 13, wherein the reactor vessel has a base that is essentially flat.

Claim 23 (new): The purification installation according to claim 13, further comprising a liquid feed system for feeding liquid to be purified into the bed.

Claim 24 (new): The purification installation according to claim 23, wherein the liquid feed system comprises a multiplicity of parallel distribution arms that are equipped for feeding liquid into the bed over the length of the distribution arms.